Ã–mer Aras

List of Publications by Year
in descending order

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102	3,321	172207	155451
papers	citations	29 h-index	55 g-index

104	104	104	4914
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Selective Intra-Arterial Lutetium-177-Labeled Prostate-Specific Membrane Antigen Therapy for Castration-Resistant Prostate Cancer: Initial Results. Journal of Vascular and Interventional Radiology, 2022, 33, 342-345.	0.2	2
2	Targeting the mTOR Pathway in Hurthle Cell Carcinoma Results in Potent Antitumor Activity. Molecular Cancer Therapeutics, 2022, 21, 382-394.	1.9	6
3	Technetium-99m and ICG-labeled HPG (hyperbranched polyglycerol) as a SPECT/FL dual imaging nanoprobe for imaging blood cells: in vitro investigation using myelogenous leukemia cells. Journal of Radioanalytical and Nuclear Chemistry, 2022, 331, 43-54.	0.7	0
4	¹⁹F MRI Nanotheranostics for Cancer Management: Progress and Prospects. ChemMedChem, 2022, 17, .	1.6	9
5	A dual-modal PET/near infrared fluorescent nanotag for long-term immune cell tracking. Biomaterials, 2021, 269, 120630.	5.7	27
6	Complicated pubovesical fistula on PET/CT and MRI. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3335-3336.	3.3	1
7	Preliminary study: myocardial T1 relaxation time in patients with ischemic findings and normal findings on coronary angiography. Revista Da AssociaÃ§Ã£o MÃ©dica Brasileira, 2021, 67, 418-425.	0.3	0
8	Thymoquinone Glucuronide Conjugated Magnetic Nanoparticle for Bimodal Imaging and Treatment of Cancer as a Novel Theranostic Platform. Current Radiopharmaceuticals, 2021, 14, 23-36.	0.3	4
9	Simultaneous injection of 18F-BF3- Cy3-ACUPA and non-radioactive Cy7-ACUPA probes: a promising pre-biopsy PET and ex vivo fluorescence imaging approach to evaluate prostate cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 3732-3733.	3.3	4
10	225Actinium-labeled prostate-specific membrane antigen targeting peptide induces complete response in a metastatic prostate cancer patient. Acta Radiologica Open, 2021, 10, 205846012110225.	0.3	0
11	Chemodynamic nanomaterials for cancer theranostics. Journal of Nanobiotechnology, 2021, 19, 192.	4.2	51
12	Small Molecule, Multimodal, [18F]-PET and Fluorescence Imaging Agent Targeting Prostate-Specific Membrane Antigen: First-in-Human Study. Clinical Genitourinary Cancer, 2021, 19, 405-416.	0.9	13
13	Combining histone deacetylase inhibitors (HDACis) with other therapies for cancer therapy. European Journal of Medicinal Chemistry, 2021, 226, 113825.	2.6	34
14	Facile synthesis of near-infrared bodipy by donor engineering for in vivo tumor targeted dual-modal imaging. Journal of Materials Chemistry B, 2021, 9, 9308-9315.	2.9	8
15	Recent Advances in Paclitaxel-based Self-Delivery Nanomedicine for Cancer Therapy. Current Medicinal Chemistry, 2021, 28, 6358-6374.	1.2	11
16	Measurement of spinal root angle at spinal canal and foraminal levels in cases of facet arthropathy: T2-weighted turbo spin echo magnetic resonance myelography with SPACE technique. Acta Radiologica, 2020, 61, 821-829.	0.5	3
17	One-Step, Rapid, 18Fâ€“19F Isotopic Exchange Radiolabeling of Difluoro-dioxaborinins: Substituent Effect on Stability and In Vivo Applications. Journal of Medicinal Chemistry, 2020, 63, 12693-12706.	2.9	7
18	Small ultra-red fluorescent protein nanoparticles as exogenous probes for noninvasive tumor imaging in vivo. International Journal of Biological Macromolecules, 2020, 153, 100-106.	3.6	30

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19	⁸⁹Zr Labeled Fe₃O₄@TiO₂ Nanoparticles: In Vitro Afffinities with Breast and Prostate Cancer Cells. Applied Organometallic Chemistry, 2020, 34, e5616.	1.7	13
20	A near-infrared probe for non-invasively monitoring cerebrospinal fluid flow by 18F-positron emitting tomography and fluorescence. EJNMMI Research, 2020, 10, 37.	1.1	4
21	Success and reliability of extrafemoral Exoseal vascular closure device: â€œOff-labelâ€•usage. Interventional Medicine & Applied Science, 2020, 11, 182-186.	0.2	0
22	An [¹⁸F]-Positron Emitting Fluorophore Allows Safe Evaluation of Small Molecule Distribution in the CSF, CSF Fistulas, and CNS Device Placement. Molecular Pharmaceutics, 2019, 16, 3636-3646.	2.3	5
23	A Fluorescent, [¹⁸F]-Positron-Emitting Agent for Imaging Prostate-Specific Membrane Antigen Allows Genetic Reporting in Adoptively Transferred, Genetically Modified Cells. ACS Chemical Biology, 2019, 14, 1449-1459.	1.6	14
24	Hyperpolarized MRI Visualizes Warburg Effects and Predicts Treatment Response to mTOR Inhibitors in Patient-Derived ccRCC Xenograft Models. Cancer Research, 2019, 79, 242-250.	0.4	27
25	Diagnostic Performance of T2- weighted sequences in Upper Abdominal Magnetic Resonance Imaging: BLADE Technique or HASTE Technique?. Journal of Clinical Medicine of Kazakhstan, 2019, 1, 37-43.	0.1	0
26	¹⁸F-Positron Emitting/Trimethine Cyanine-Fluorescent Contrast for Image-Guided Prostate Cancer Management. Journal of Medicinal Chemistry, 2018, 61, 4256-4262.	2.9	40
27	Characterizing Ionizing Radiation Exposure after T-Cell Depleted Allogeneic Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2018, 24, S252-S253.	2.0	3
28	Tissue Morphology and Gene Expression Characterisation of Transplantable Adenocarcinoma Bearing Mice Exposed to Fluorodeoxyglucose-Conjugated Magnetic Nanoparticles. Journal of Biomedical Nanotechnology, 2018, 14, 1979-1991.	0.5	4
29	Functional Peptide Nanofibers with Unique Tumor Targeting and Enzymeâ€Induced Local Retention Properties. Advanced Functional Materials, 2018, 28, 1803969.	7.8	32
30	An in-vivo pilot study into the effects of FDG-mNP in cancer in mice. PLoS ONE, 2018, 13, e0202482.	1.1	5
31	¹⁸F-positron-emitting/fluorescent labeled erythrocytes allow imaging of internal hemorrhage in a murine intracranial hemorrhage model. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 776-786.	2.4	16
32	The SWI/SNF Protein PBRM1 Restrains VHL-Loss-Driven Clear Cell Renal Cell Carcinoma. Cell Reports, 2017, 18, 2893-2906.	2.9	153
33	Analysis of metastatic involvement in bone using anatomical and functional information from 18F-FDG PET/CT. Nuclear Medicine Communications, 2017, 38, 780-787.	0.5	0
34	New imaging probes to track cell fate: reporter genes in stem cell research. Cellular and Molecular Life Sciences, 2017, 74, 4455-4469.	2.4	28
35	Tumor Xenografts of Human Clear Cell Renal Cell Carcinoma But Not Corresponding Cell Lines Recapitulate Clinical Response to Sunitinib: Feasibility of Using Biopsy Samples. European Urology Focus, 2017, 3, 590-598.	1.6	31
36	Multifunctional molecular imaging probes for estrogen receptors: 99mTc labeled diethylstilbestrol (DES) conjugated, cuinp quantum dot nanoparticles (DESCIP). Journal of Radioanalytical and Nuclear Chemistry, 2017, 314, 2609-2620.	0.7	1

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37	An [¹⁸F]-Positron-Emitting, Fluorescent, Cerebrospinal Fluid Probe for Imaging Damage to the Brain and Spine. Theranostics, 2017, 7, 2377-2391.	4.6	11
38	Improved noninvasive prostate cancer assessment using multiparametric magnetic resonance imaging. , 2016, , .		1
39	A Pilot Study Into the Use of FDG-mNP as an Alternative Approach in Neuroblastoma Cell Hyperthermia. IEEE Transactions on Nanobioscience, 2016, 15, 517-525.	2.2	13
40	Extraction and radioiodination of Gingko flavonoids and monitoring the cellular incorporation. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 271-278.	0.7	1
41	Prostate MRSI predicts outcome in radical prostatectomy patients. Magnetic Resonance Imaging, 2016, 34, 674-681.	1.0	8
42	Assessment of Prostate Cancer Aggressiveness by Use of the Combination of Quantitative DWI and Dynamic Contrast-Enhanced MRI. American Journal of Roentgenology, 2016, 206, 756-763.	1.0	56
43	Interactive Feature Space ExplorerÂ© for multi-modal magnetic resonance imaging. Magnetic Resonance Imaging, 2015, 33, 804-815.	1.0	2
44	Optimization of Intrabone Delivery of Hematopoietic Progenitor Cells in a Swine Model Using Cell Radiolabeling with [89]zirconium. American Journal of Transplantation, 2015, 15, 606-617.	2.6	22
45	Interobserver variability of R.E.N.A.L., PADUA, and centrality index nephrometry score systems. World Journal of Urology, 2015, 33, 853-858.	1.2	47
46	Bone marrow angiogenesis in myeloma and its precursor disease: a prospective clinical trial. Leukemia, 2014, 28, 413-416.	3.3	24
47	Comparison of endorectal coil and nonendorectal coil T2W and diffusion-weighted MRI at 3 Tesla for localizing prostate cancer: Correlation with whole-mount histopathology. Journal of Magnetic Resonance Imaging, 2014, 39, 1443-1448.	1.9	138
48	Functional and Molecular Imaging: Applications for Diagnosis and Staging of Localised Prostate Cancer. Clinical Oncology, 2013, 25, 451-460.	0.6	16
49	Fully Automated Prostate Segmentation on MRI: Comparison With Manual Segmentation Methods and Specimen Volumes. American Journal of Roentgenology, 2013, 201, W720-W729.	1.0	52
50	Prostate Cancer: Can Multiparametric MR Imaging Help Identify Patients Who Are Candidates for Active Surveillance?. Radiology, 2013, 268, 144-152.	3.6	201
51	Abstract 369: Role of bone marrow angiogenesis in myeloma and its precursor disease: a prospective clinical trial.. , 2013, , .		0
52	A novel spinal vertebrae segmentation framework combining geometric flow and shape prior with level set method. , 2012, , .		6
53	Automatic quantification of Tree-in-Bud patterns from CT scans. , 2012, 2012, 1459-1462.		1
54	PET of HER2-Positive Pulmonary Metastases with ¹⁸F-Z_{HER2:342} Affibody in a Murine Model of Breast Cancer: Comparison with ¹⁸F-FDG. Journal of Nuclear Medicine, 2012, 53, 939-946.	2.8	29

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55	Syntheses and Characterization of Lisinopril-Coated Gold Nanoparticles as Highly Stable Targeted CT Contrast Agents in Cardiovascular Diseases. Langmuir, 2012, 28, 10398-10408.	1.6	85
56	Molecular Imaging of Human ACE-1 Expression in Transgenic Rats. JACC: Cardiovascular Imaging, 2012, 5, 409-418.	2.3	39
57	Correlation of Magnetic Resonance Imaging Tumor Volume with Histopathology. Journal of Urology, 2012, 188, 1157-1163.	0.2	188
58	Factor V Leiden and Inflammation. Thrombosis, 2012, 2012, 1-10.	1.4	14
59	Automatic Detection and Quantification of Tree-in-Bud (TIB) Opacities From CT Scans. IEEE Transactions on Biomedical Engineering, 2012, 59, 1620-1632.	2.5	29
60	Abstract 4291: Near-infrared optical imaging visualizes tumor cell death induced by adoptive transferred T cells. , 2012, , .		0
61	Optimization of an Intra-Bone Hematopoietic Stem Cell Delivery Technique in a Swine Model.. Blood, 2012, 120, 2990-2990.	0.6	4
62	Identification of spinal vertebrae using mathematical morphology and level set method. , 2011, , .		3
63	Ventriculoperitoneal Shunt Leakage Into a Breast Implant Demonstrated by Radionuclide Cisternography. Clinical Nuclear Medicine, 2011, 36, 1127-1128.	0.7	4
64	Synthesis and biological studies of highly concentrated lisinopril-capped gold nanoparticles for CT tracking of angiotensin converting enzyme (ACE). Proceedings of SPIE, 2011, , .	0.8	5
65	A graph-theoretic approach for segmentation of PET images. , 2011, 2011, 8479-82.		37
66	Diffusion weighted MRI for detecting and monitoring cancer: a review of current applications in body imaging. Diagnostic and Interventional Radiology, 2011, 18, 46-59.	0.7	46
67	Novel Molecular Imaging Detects Evidence of Altered Bone Marrow Biology in Myeloma Precursor Disease (MGUS and smoldering myeloma): A Prospective Clinical Study. Blood, 2011, 118, 2888-2888.	0.6	0
68	Targeted in-vivo computed tomography (CT) imaging of tissue ACE using concentrated lisinopril-capped gold nanoparticle solutions. Proceedings of SPIE, 2010, , .	0.8	3
69	Preparation of lisinopril-capped gold nanoparticles for molecular imaging of angiotensin-converting enzyme. Proceedings of SPIE, 2009, , .	0.8	1
70	Biodistributionâ€‰ofâ€‰HPMAâ€‰Copolymer-Aminohexylgeldanamycin-RGDfKâ€‰Conjugatesâ€‰forâ€‰Prostateâ€‰Cancerâ€ Delivery. Molecular Pharmaceutics, 2009, 6, 1836-1847.	2.3	42
71	Targeting tissue angiotensin-converting enzyme for imaging cardiopulmonary fibrosis. Current Cardiology Reports, 2008, 10, 128-134.	1.3	12
72	FDG PET/CT findings in acute adult mononucleosis mimicking malignant lymphoma. European Journal of Haematology, 2008, 81, 154-156.	1.1	54

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73	Synthesis and Evaluation of a Series of ^{99m}Tc(CO)₃⁺ Lisinopril Complexes for In Vivo Imaging of Angiotensin-Converting Enzyme Expression. Journal of Nuclear Medicine, 2008, 49, 970-977.	2.8	29
74	The role and regulation of CD36 for fatty acid imaging of the heart: Implications in diabetes mellitus and chronic kidney disease. Journal of Nuclear Cardiology, 2007, 14, S110-S117.	1.4	3
75	The role and regulation of cardiac angiotensin-converting enzyme for noninvasive molecular imaging in heart failure. Current Cardiology Reports, 2007, 9, 150-158.	1.3	17
76	Delayed recovery of fatty acid metabolism after transient myocardial ischemia: A potential imaging target for â€œischemic memoryâ€• Current Cardiology Reports, 2007, 9, 159-165.	1.3	17
77	Targeting ischemic memory. Current Opinion in Biotechnology, 2007, 18, 46-51.	3.3	3
78	Isolated hemifacial hypertrophy: a case with upper airway obstruction and sensorineural hearing loss. Journal of Laryngology and Otology, 2006, 120, 691-693.	0.4	8
79	Stored platelets contain residual amounts of tissue factor: evidence from studies on platelet concentrates stored for prolonged periods. Transfusion, 2005, 45, 572-579.	0.8	14
80	Plasma homocysteine levels in living kidney donors before and after uninephrectomy. Translational Research, 2004, 143, 340-343.	2.4	13
81	Induction of microparticle- and cell-associated intravascular tissue factor in human endotoxemia. Blood, 2004, 103, 4545-4553.	0.6	277
82	Intravascular Tissue Factor (TF) Is Predominantly Platelet-Associated during the Aplastic Phase of Hematopoietic Stem Cell Transplantation (HSCT).. Blood, 2004, 104, 1928-1928.	0.6	0
83	Angiographic assessment of myocardial perfusion in patients with isolated coronary artery ectasia. American Journal of Cardiology, 2003, 91, 996-999.	0.7	45
84	Sickle blood contains tissue factorâ€“positive microparticles derived from endothelial cells and monocytes. Blood, 2003, 102, 2678-2683.	0.6	483
85	Deletion polymorphism of the angiotensin I converting enzyme gene is a potent risk factor for coronary artery ectasia. British Heart Journal, 2003, 89, 213-214.	2.2	28
86	Elevated Whole-Blood Tissue Factor Procoagulant Activity as a Marker of Restenosis After Percutaneous Transluminal Coronary Angioplasty and Stent Implantation. Circulation, 2003, 108, 1581-1584.	1.6	39
87	Analysis of individual platelet-derived microparticles, comparing flow cytometry and capillary electrophoresis with laser-induced fluorescence detection. Analyst, The, 2003, 128, 581.	1.7	14
88	Unlike Type 2 Diabetes, Type 1 Does Not Interact with the Codon 54 Polymorphism of the Fatty Acid Binding Protein 2 Gene. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 3735-3739.	1.8	10
89	Angiotensin I Converting Enzyme, Angiotensin II Type 1 Receptor and Angiotensinogen Polymorphisms and Early Myocardial Infarction in Turkish Population. Thrombosis and Haemostasis, 2002, 88, 693-694.	1.8	22
90	Interlaboratory Variation of Plasma Total Homocysteine Measurements: Results of Three Successive Homocysteine Proficiency Testing Surveys. Clinical Chemistry, 2002, 48, 1539-1545.	1.5	32

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91	Endothelial Nitric Oxide Gene Polymorphism (Glu298Asp) Is not Associated with Coronary Artery Disease in Turkish Population. Thrombosis and Haemostasis, 2002, 87, 347-349.	1.8	31
92	Is Homozygosity for the HR2 Haplotype a Risk Factor for Venous Thromboembolism?. Thrombosis and Haemostasis, 2002, 87, 173-174.	1.8	13
93	Cystatin C Is an Independent Predictor of Fasting and Post-Methionine Load Total Homocysteine Concentrations among Stable Renal Transplant Recipients. Clinical Chemistry, 2001, 47, 1263-1268.	1.5	10
94	C677T and A1298C Polymorphisms of the Methylenetetrahydrofolate Reductase Gene: Incidence and Effect of Combined Genotypes on Plasma Fasting and Post-Methionine Load Homocysteine in Vascular Disease. Clinical Chemistry, 2001, 47, 661-666.	1.5	161
95	Methylenetetrahydrofolate reductase gene polymorphism and risk of premature myocardial infarction. Clinical Cardiology, 2001, 24, 281-284.	0.7	35
96	Relation between the Insertion/Deletion Polymorphism of the Angiotensin I Converting Enzyme Gene and Restenosis after Coronary Stenting. European Journal of Cardiovascular Prevention and Rehabilitation, 2000, 7, 403-407.	3.1	12
97	Influence of 699Câ†'T and 1080Câ†'T polymorphisms of the cystathionine Î²-synthase gene on plasma homocysteine levels. Clinical Genetics, 2000, 58, 455-459.	1.0	35
98	Codon-54 Polymorphism of the Fatty Acid-Binding Protein 2 Gene Is Associated with Elevation of Fasting and Postprandial Triglyceride in Type 2 Diabetes*. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3155-3160.	1.8	57
99	Codon-54 Polymorphism of the Fatty Acid-Binding Protein 2 Gene Is Associated with Elevation of Fasting and Postprandial Triglyceride in Type 2 Diabetes. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3155-3160.	1.8	47
100	Relation between Plasma Homocysteine Concentration, the 844ins68 Variant of the Cystathionine Î²-Synthase Gene, and Pyridoxal-5â€²-Phosphate Concentration. Molecular Genetics and Metabolism, 1999, 67, 352-356.	0.5	52
101	Deletion polymorphism at the angiotensin-converting enzyme gene in Turkish patients with coronary artery disease. Scandinavian Journal of Clinical and Laboratory Investigation, 1998, 58, 491-496.	0.6	30
102	Synthesis and morphological studies of Tcâ€99mâ€labeled lupuloneâ€conjugated Fe 3 O 4 @TiO 2 nanocomposite, and in vitro cytotoxicity activity on prostate cancer cell lines. Applied Organometallic Chemistry, 0, , e6435.	1.7	3